



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
WASHINGTON, DC 20555 - 0001

April 22, 2004

SCHEDULE AND OUTLINE FOR DISCUSSION  
512<sup>th</sup> ACRS MEETING  
MAY 5-8, 2004

**WEDNESDAY, MAY 5, 2004**

- 1) 11:00 - 11:05 A.M. Opening Remarks by the ACRS Chairman (Closed) (MVB/JTL)
- 2) 11:05 - 6:30 P.M. Safeguards and Security Matters (Closed) (MVB/RPS/RKM)  
(12:30-1:30 P.M. LUNCH)
  - 2.1) Remarks by the ACRS Chairman
  - 2.2) Briefing by and discussions with representatives of the Office of Nuclear Regulatory Research and the Office of Nuclear Security and Incident Response regarding safeguards and security matters.

**[NOTE: This session will be closed to protect information classified as national security information as well as unclassified safeguards information pursuant to 5 U.S.C. 552b(c)(1) and (3).]**

**THURSDAY, MAY 6, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 3) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (MVB/JTL/SD)
  - 3.1) Opening Statement
  - 3.2) Items of current interest
- 4) 8:35 - 10:30 A.M. Use of Mixed Oxide (MOX) Lead Test Assemblies at the Catawba Nuclear Station (Open) (DAP/RC)
  - 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff and Duke Cogema Stone and Webster (DCS) regarding the license amendment submitted by DCS to obtain NRC authorization to use MOX lead test assemblies at the Catawba Nuclear Station.

Members of the public may provide their views, as appropriate.

**10:30 - 10:45 A.M. \*\*\*BREAK\*\*\***

- 5) 10:45 - 12:15 P.M. Risk Management Technical Specifications (Open) (GEA/MWW)
- 5.1) Remarks by the Subcommittee Chairman
  - 5.2) Briefing by and discussions with representatives of the NRC staff regarding the status/overview of the initiatives associated with the risk management technical specifications, and the staff's evaluation of the proposals for pilot application of the initiative on Risk-Informed Completion Times.

Representatives of the nuclear industry may provide their views, as appropriate.

**12:15 - 1:15 P.M. \*\*\*LUNCH\*\*\***

- 6) 1:15 - 3:15 P.M. Trial/Pilot Implementation of Regulatory Guide 1.200, "An Approach for Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities" (Open) (GEA/MRS)
- 6.1) Remarks by the Subcommittee Chairman
  - 6.2) Briefing by and discussions with representatives of the NRC staff regarding insights gained from the trial/pilot implementation of Regulatory Guide 1.200.

Representatives of the nuclear industry may provide their views, as appropriate.

**3:15 - 3:30 P.M. \*\*\*BREAK\*\*\***

- 7) 3:30 - 4:45 P.M. Good Practices for Implementing Human Reliability Analysis (Open) (GEA/BPJ)
- 7.1) Remarks by the Subcommittee Chairman
  - 7.2) Briefing by and discussions with representatives of the NRC staff and their contractors regarding the draft report on Good Practices for Implementing Human Reliability Analysis, as well as the ongoing efforts associated with the application of the methodology, "A Technique for Human Event Analysis (ATHEANA)."

Representatives of the nuclear industry may provide their views, as appropriate.

**4:45 - 5:00 P.M. \*\*\*BREAK\*\*\***

- 8) 5:00 - 6:30 P.M. Preparation of ACRS Reports (Open)  
 Discussion of proposed ACRS reports on:
- 8.1) Use of MOX Lead Test Assemblies at the Catawba Nuclear Station (DAP/RC)
  - 8.2) Risk Management Technical Specification (GEA/MWW)
  - 8.3) Good Practices for Implementing Human Reliability Analysis (GEA/BPJ)
  - 8.4) Divergence in Regulatory Requirements Between U.S. and Several Other Countries (DAP/HPN/SD)
  - 8.5) Resolution of Certain Items Identified by the ACRS in NUREG-1740 Related to Differing Professional Opinion on Steam Generator Tube Integrity (FPF/BPJ)

**FRIDAY, MAY 7, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 9) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (MVB/JTL/SD)
- 10) 8:35 - 10:30 A.M. Potential Adverse Effects from Power Upgrades (Open) (JDS/BPJ)
- 10.1) Remarks by the Subcommittee Chairman
  - 10.2) Briefing by and discussions with representatives of the NRC staff regarding adverse effects experienced as a result of core power upgrades and status of ongoing and proposed activities of the industry and the NRC staff to address this issue.

Representatives of the nuclear industry may provide their views, as appropriate.

**10:30 - 10:45 A.M. \*\*\*BREAK\*\*\***

- 11) 10:45 - 11:00 A.M. Subcommittee Report on Fire Protection Issues (Open) (SLR/MDS)  
 Report by and discussions with the Chairman of the Fire Protection Subcommittee regarding matters discussed during the April 23, 2004 Subcommittee meeting.
- 12) 11:00 - 12:00 Noon Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (MVB/JTL/SD)
- 12.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future ACRS meetings.

12.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments.

- 13) 12:00 - 12:15 P.M. Reconciliation of ACRS Comments and Recommendations (Open) (MVB, et al./SD, et al.)  
Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.

**12:15 - 1:15 P.M. \*\*\*LUNCH\*\*\***

- 14) 1:15 - 2:15 P.M. Preparation for meeting with the Commissioners (Open) (MVB, et.al/JTL, et.al)  
Discussion of topics scheduled for meeting with the NRC Commissioners in June 2004:
- a) Overview (MVB)
  - b) PWR Sump Performance (JDS)
  - c) PRA Quality (for Decisionmaking) (GEA)
  - d) Risk-Informing 10 CFR 50.46 (WJS)
  - e) NRC Safety Research Program Report (DAP)
  - f) ESBWR Pre-Application Review (TSK)
  - g) Interim Review of the AP1000 Design (TSK)

**2:15 - 2:30 P.M. \*\*\*BREAK\*\*\***

- 15) 2:30 - 6:30 P.M. Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:
- 15.1) Use of MOX Lead Test Assemblies at the Catawba Nuclear Station (DAP/RC)
  - 15.2) Risk Management Technical Specification (GEA/MWW)
  - 15.3) Good Practices for Implementing Human Reliability Analysis (GEA/BPJ)
  - 15.4) Divergence in Regulatory Requirements Between U.S. and Several Other Countries (DAP/HPN/SD)
  - 15.5) Resolution of Certain Items Identified by the ACRS in NUREG-1740 Related to Differing Professional Opinion on Steam Generator Tube Integrity (FPF/BPJ)

**SATURDAY, MAY 8, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,  
ROCKVILLE, MARYLAND**

- 16) 8:30 - 12:00 Noon Preparation of ACRS Reports (Open)  
Continue discussion of proposed ACRS reports listed under Item 15.
- 17) 12:00 - 12:30 P.M. Miscellaneous (Open) (MVB/JTL)  
Discussion of matters related to the conduct of Committee activities and matters and specific issues that were not completed during previous meetings, as time and availability of information permit.
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**NOTE:**

- **Presentation time should not exceed 50 percent of the total time allocated for a specific item. The remaining 50 percent of the time is reserved for discussion.**
- **Thirty-Five (35) hard copies and (1) electronic copy of the presentation materials should be provided to the ACRS.**